

1.EXCHANGE OUTPUT

DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Prog...

File Edit View Search Run Watch Options Calls Help			
local			
source1 CS:IP (ACTIVE)			
052A:0000	B82B05	MOV	AX,052B
052A:0003	8ED8	MOV	DS,AX
052A:0005	8D360E00	LEA	SI,Word Ptr [000E]
052A:0009	8D3E1300	LEA	DI,Word Ptr [0013]
052A:000D	B105	MOV	CL,05
052A:000F	8A04	MOV	AL,Byte Ptr [SI]
052A:0011	8605	XCHG	AL,Byte Ptr [DI]
052A:0013	8804	MOV	Byte Ptr [SI],AL
052A:0015	46	INC	SI
052A:0016	47	INC	DI
052A:0017	E2F6	LOOP	000F
052A:0019	B44C	MOV	AH,4C
052A:001B	CD21	INT	21
052A:001D	0020	ADD	Byte Ptr [BX+SI],AH
052A:001F	2224	AND	AH,Byte Ptr [SI]
052A:0021	262811	SUB	Byte Ptr ES:[BX+DI],DL
command			
052B:000B	CD 21 00 20	+1.085321E-019	
052B:000F	22 24 26 28	+9.222686E-015	
>			
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>			

reg	
AX	4C2B
BX	0000
CX	0000
DX	0000
SP	0000
BP	0000
SI	0013
DI	0018
DS	052B
ES	051A
SS	0529
CS	052A
IP	001D
FL	0206
NU UP EI PL	
NZ NA PE NC	
DS:0013	
11	

2.ADD WITH CARRY

DOSBox Status Window

DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Prog...

File Edit View Search Run Watch Options Calls Help			
local			
source1 CS:IP (ACTIVE)			
052A:0000	B82C05	MOV	AX,052C
052A:0003	8ED8	MOV	DS,AX
052A:0005	BE0300	MOV	SI,0003
052A:0008	B104	MOV	CL,04
052A:000A	F8	CLC	
052A:000B	8A840000	MOV	AL,Byte Ptr [SI+0000]
052A:000F	12840400	ADC	AL,Byte Ptr [SI+0004]
052A:0013	27	DAA	
052A:0014	88840800	MOV	Byte Ptr [SI+0008],AL
052A:0018	4E	DEC	SI
052A:0019	E2F0	LOOP	000B
052A:001B	B44C	MOV	AH,4C
052A:001D	CD21	INT	21
052A:001F	0012	ADD	Byte Ptr [BP+SI],DL
052A:0021	3456	XOR	AL,56
052A:0023	7812	JS	0037
command			
052C:0007	78 24 69 13	+2.942672E-027	
052C:000B	56 01 E8 99	-2.398878E-023	
>			
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>			

reg	
AX	4C24
BX	0000
CX	0000
DX	0000
SP	0000
BP	0000
SI	FFFF
DI	0000
DS	052C
ES	051A
SS	0529
CS	052A
IP	001F
FL	0296
NU UP EI NG	
NZ AC PE NC	
SS:FFFF	
02	

3.DAA OUTPUT

DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Prog...

File Edit View Search Run Watch Options Calls Help			
local			
source1 CS:IP (ACTIVE)			
052A:0000	B82B05	MOV	AX,052B
052A:0003	8ED8	MOV	DS,AX
052A:0005	A00000	MOV	AL,Byte Ptr [0000]
052A:0008	0480	ADD	AL,80
052A:000A	27	DAA	
052A:000B	B44C	MOV	AH,4C
052A:000D	CD21	INT	21
052A:000F	007880	ADD	Byte Ptr [BX+SI-80],BH
052A:0012	FFB85800	???	Word Ptr [BX+SI+0058]
052A:0016	E8B902	CALL	02D2
052A:0019	8CDA	MOV	DX,DS
052A:001B	E8AB02	CALL	02C9
052A:001E	B792	MOV	BH,92
052A:0020	B9FFFF	MOV	CX,FFFF
052A:0023	B84800	MOV	AX,0048
052A:0026	E8A902	CALL	02D2
command			
CU1053 Warning: TOOLS.INI not found			
CU0101 Warning: No symbolic information for C:\MASM\daa.EXE			
>			
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>			

reg
AX = 4C58
BX = 0000
CX = 0000
DX = 0000
SP = 0000
BP = 0000
SI = 0000
DI = 0000
DS = 052B
ES = 051A
SS = 0529
CS = 052A
IP = 000F
FL = 0203
NU UP EI PL
NZ NA PO CY

4.SUBTRACTION WITH CARRY

DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Prog...

File Edit View Search Run Watch Options Calls Help			
local			
source1 CS:IP (ACTIVE)			
052A:0000	B82C05	MOV	AX,052C
052A:0003	8ED8	MOV	DS,AX
052A:0005	BE0300	MOV	SI,0003
052A:0008	B104	MOV	CL,04
052A:000A	F8	CLC	
052A:000B	8A840000	MOV	AL,Byte Ptr [SI+0000]
052A:000F	1A840400	SBB	AL,Byte Ptr [SI+0004]
052A:0013	2F	DAS	
052A:0014	88840800	MOV	Byte Ptr [SI+0008],AL
052A:0018	4E	DEC	SI
052A:0019	E2F0	LOOP	000B
052A:001B	B44C	MOV	AH,4C
052A:001D	CD21	INT	21
052A:001F	007865	ADD	Byte Ptr [BX+SI+65],BH
052A:0022	43	INC	BX
052A:0023	2112	AND	Word Ptr [BP+SI],DX
command			
052C:0007	78 66 30 86	-3.317720E-035	
052C:000B	43 01 E8 99	-2.398875E-023	
>			
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>			

reg
AX = 4C66
BX = 0000
CX = 0000
DX = 0000
SP = 0000
BP = 0000
SI = FFFF
DI = 0000
DS = 052C
ES = 051A
SS = 0529
CS = 052A
IP = 001F
FL = 0296
NU UP EI NG
NZ AC PE NC